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40 Landsdowne Street
Cambridge, MA 02139
Tel 617.679.7000
www.millennium.com

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JUL 19 2006

OFFICE OF PETITIONS

FACSIMILE TRANSMITTAL

TO	Patent USPTO Maintenance Fee Office	FAX	(571) 273-6500
FROM	Janice M. Klunder	DATE	July 14, 2006
RE	U.S. Patent No. 5,780,454	PAGES	6 (Including this cover sheet)
CC			
<input type="checkbox"/> URGENT <input checked="" type="checkbox"/> For Review <input type="checkbox"/> Please Comment <input checked="" type="checkbox"/> Please Reply			

Further to our telephone conversation and correspondence on July 12, 2006, I am attaching for your information a copy of papers filed in U.S. Patent No. 5,780,454 on July 13, 2006. Although I am uncertain whether a deficiency payment was actually due in this case, I wanted to be sure that all fees were in order.

Please ensure that the maintenance fee records are properly updated, and contact me at the numbers provided below if any issues remain in this case.

Thank you for your assistance.

Direct Tel 617 551 3699
Facsimile 617 551 8820
Email janice.klunder@mpl.com

Confidential: This transmittal is intended only for the use of the addressee(s) named above. If the reader of this transmittal is not the intended recipient, or the employee or agent responsible for delivering the transmittal to the intended recipient(s), please note that any distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone, and return the original to us by mail at the above address.

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Attorney Docket No.: MPI94-008CP2M

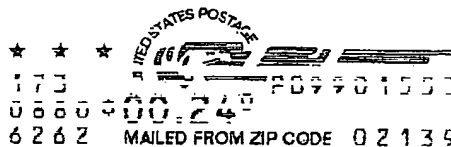
THE "RECEIVED" STAMP OF THE PATENT AND TRADEMARK OFFICE IMPRINTED
HEREON ACKNOWLEDGES THE FILING OF:

Description of Paper* and No.: Deficiency Payment Pursuant to 37 C.F.R. § 1.28(c)
Transmittal (2 pages, in duplicate); Deficiency Payment Pursuant to 37 C.F.R. § 1.28(c)
(2 pages); and this return postcard.

In re patent of: Adams et al.
Patent No.: 5,780,454
Issued: July 14, 1998
Title: BORONIC ESTER AND ACID COMPOUNDS
Attorney: Janice M. Klunder
Date: July 13, 2006

*with Certificate of First Class Mailing

First Class



Millennium Pharmaceuticals, Inc.
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 PATENT

Practitioner's Docket No. MPI94-008CP2M

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent of:	Adams <i>et al.</i>
Patent No.:	5,780,454
Issued:	July 14, 1998
For:	Boronic Ester and Acid Compounds

Mail Stop M Correspondence
 Director of United States Patent and Trademark Office
 P.O. Box 1450
 Alexandria, VA 22313-1450

DEFICIENCY PAYMENT PURSUANT TO 37 C.F.R. § 1.28(c) TRANSMITTAL

1. Transmitted herewith for this patent are:
 - a. This Deficiency Payment Pursuant to 37 C.F.R. § 1.28(c) Transmittal (2 pages, in duplicate);
 - b. Deficiency Payment Pursuant to 37 C.F.R. § 1.28(c) (2 pages); and
 - c. Return receipt postcard.

STATUS

2. Applicant is other than a small entity.

FEE PAYMENT/DEFICIENCY

3. Charge Account No. 501668 the sum of \$460.00 for the maintenance fee deficiency owed. In the event any additional fees are necessary, the undersigned hereby authorizes the requisite fees to be charged to Deposit Account No. 501668. A duplicate of this transmittal is enclosed.

CERTIFICATION UNDER 37 C.F.R. SECTIONS 1.8(a) and 1.10*

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

- ☒ deposited with the United States Postal Service in an envelope addressed to the Mail Stop M Correspondence, Director of United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.

37 C.F.R. SECTION 1.8(a)

37 C.F.R. SECTION 1.10*

- ☒ with sufficient postage as first class mail. ☐ as "Express Mail Post Office to Addressee" Mailing Label No.

TRANSMISSION

- ☐ transmitted by facsimile to the Patent and Trademark Office.

07/17/2006 GHINTON 00000004 501668 5780454

01 FC:1559

Date: July 13, 2006
 460.00 DA

Signature
 Sean Hunziker/Beverly Sotiropoulos
 (type or print name of person certifying)

*WARNING: Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. section 1.10(b). "Since the filing of correspondence under section 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(Page 1 of 2)

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Practitioner's Docket No. MPI94-008CP2M

4. Correspondence Address

Direct all future correspondence to:

Customer Number 30405

OR

Intellectual Property Department
MILLENNIUM PHARMACEUTICALS, INC.
40 Landsdowne Street
Cambridge, MA 02139

July 13, 2006

MILLENNIUM PHARMACEUTICALS, INC.

By

Janice M. Klunder
Janice M. Klunder

Registration No. 41,121

40 Landsdowne Street

Cambridge, MA 02139

Telephone - 617-551-3699

Facsimile - 617-551-8820

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent of:	Adams <i>et al.</i>
Patent No.:	5,780,454
Issued:	July 14, 1998
For:	Boronic Ester and Acid Compounds

Mail Stop M Correspondence
Director of United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

DEFICIENCY PAYMENT PURSUANT TO 37 C.F.R. § 1.28(c)

Sir:

Through error, when payment was made of the fourth year maintenance fee for the above-identified patent, the Office was not notified of a loss of entitlement to small entity status as required by 37 C.F.R. § 1.27(g)(2). Pursuant to 37 C.F.R. § 1.28(c), Patentee requests excuse of this error.

The Maintenance Fee Transmittal Form submitted on December 19, 2001 was signed by a party identified in 37 C.F.R. § 1.33(b), properly indicated payment of the fourth year maintenance fee as a Large Entity, and authorized payment of the \$880.00 Large Entity maintenance fee in effect at that time. However, a separate assertion of a change in entity status

CERTIFICATION UNDER 37 C.F.R. SECTIONS 1.8(a) and 1.10*

I hereby certify that, on the date shown below, this correspondence is being:

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37 C.F.R. SECTION 1.8(a) 37 C.F.R. SECTION 1.10*

- ☒ with sufficient postage as first class mail. ☐ as "Express Mail Post Office to Addressee" Mailing Label No.

TRANSMISSION

- ☐ transmitted by facsimile to the Patent and Trademark Office.

Signature

Sean Hunziker/Beverly Sotiropoulos

(type or print name of person certifying)

Date: July 13, 2006

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(Page 1 of 2)

Practitioner's Docket No. MPI94-008CP2M

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was not submitted at that time. Accordingly, in compliance with 37 C.F.R. § 1.28(c)(2), Patentee submits herewith the deficiency payment itemized below:

Small Entity Fee in effect at time payment was made	Large Entity Fee now in effect	Deficiency Owed
\$ 440.00	\$ 900.00	\$ 460.00

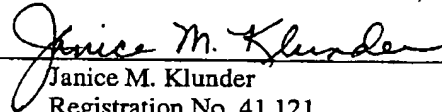
Please charge the deficiency owed amount of \$460.00 to Deposit Account No. 501668. In the event any additional fees are necessary, the undersigned hereby authorizes the requisite fees to be charged to Deposit Account No. 501668.

July 13, 2006

Respectfully submitted,

MILLENNIUM PHARMACEUTICALS, INC.

By



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(Page 2 of 2)